

wherein said implant is externally shaped in a substantially D-shaped or bread loaf-shaped structure, half D-shaped or half bread loaf-shaped structure, or diamond shaped structure.

44. The shaped implant of claim 43, wherein said substantially D-shaped or bread loaf-shaped structure, half D-shaped or half bread loaf-shaped structure, or diamond shaped structure comprises inscribed external features, teeth, four holes, or an inserted osteogenic plug.

REMARKS

The amendments to the claims do not add new matter. The newly added claims are generic claims which link one or more species restricted by the Examiner in the Restriction Requirement of 09/18/02, to which an Election is cofiled herewith.

Support for newly added claims 33-44 can be found throughout the specification. Specifically, support for a D-shaped cortical bone implant can be found in the specification on page 9, lines 24-27 ("Figure 1A...of a substantially D-shaped cortical bone implant"). Support for an implant with inscribed external features can be found in the specification on page 10, lines 1-5 ("an embodiment of the implant...in which an external feature...has been inscribed"). Support for an implant with teeth can be found in the specification on page 16, lines 19-28 ("the implant 600 is shown as a side view, and in figure 6C, there is shown a detail view of the teeth"). Support for an implant with four holes can be found in the specification on page 17, lines 12-13 ("the embodiment shown in figure 7A is a top view of

an implant 700 into which four holes have been drilled"). Support for a half D-shaped implant can be found in the specification on page 17, lines 27-29 ("there is shown an implant 800 composed of two side-by-side halves"). Support for a diamond shaped implant can be found in the specification on page 20, lines 27-30 ("the implant produced according to this aspect of the invention has a substantially diamond-shaped external profile"). Support for an inserted osteogenic plug can be found in the specification on page 20, lines 22-30 ("in addition, where an osteogenic plug, such as a cancellous plug is present, this is shown in in view E").

For all these reasons, the amendments to the specification and claims do not constitute new matter.

Respectfully submitted,

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